

COMBUSTIBLE GAS DETECTION SYSTEMS AND METHOD THEREOF

Abstract of Disclosure

A system and method are provided for monitoring the levels of combustible gas in a gas stream. The system includes means for controlling the relative humidity of the gas stream to maintain a humidity level in the performance range of combustible gas sensors. A number techniques are illustrated for achieving the humidity control, including, secondary phase separations, mixing the gas with dry air and adjusting of the gas stream temperature.

Figures